

FORM PTO-1449 (Modified) Atty Docket No.: P03002US1A; 295620-214153 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) Serial No.: 10/791,049 Applicant(s): Wang et al. Filed: March 2, 2004 Group: 1796 U.S. PATENT DOCUMENTS Exam. Publication/ Patent Number Publication/ Patentee Class Subclass Filing Date lnit. Issue Date 5 3 2 5 07/12/1994 Lawson et al. 7 1 9 3 0 0 03/20/2007 4 Weydert et al. 7 2 8 7 07/03/2007 3 5 1 Wang et al. 7 2 4 4 7 8 3 07/17/2007 Lean et al. 7 3 2 4 7 3 7 03/25/2008 Xie et al. 7 4 0 8 0 5 08/05/2008 0 Zheng et al. 2006/ 0 2 3 5 1 2 8 10/19/2006 Bohm et al. 2007/ 0 1 3 5 5 7 Q 06/14/2007 Obrecht et al. 2007/ 0 1 9 6 6 5 3 08/23/2007 Hall et al. 2008/ 0 ī 4 5 6 6 0 06/19/2008 Wang et al. 2008/ 0 1 4 9 2 3 8 06/26/2008 Kleckner et al. 2008/ 0 1 6 0 3 5 07/03/2008 0 Wang et al. FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Document Number Exam Publication Country or Patent Office Class Subclass Translation Init. Date Yes No 2 2 03/04/1995 1 9 Canada 1 7 8 05/09/2007 3 6 1 8 Europe 2 1 9 1 6 9 07/27/1990 Japan X [Abstract] 2 1 9 6 8 9 3 08/03/1990 Japan X [Abstract] 7 0 1 1 0 4 3 01/13/1995 Japan X [Abstract] 2000-5 1 4 7 9 ī 11/07/2000 Japan X [Abstract] 2006/ 0 9 7 9 07/06/2006 6 3 PCT X [Abstract] 2008/ 0 7 9 2 7 6 07/03/2008 PCT 2008/ 0 7 9 8 0 07/03/2008 PCT OTHER DOCUMENTS (Including Author, Title, Date\*\*, Relevant pages, Place of Publication\*\*\*) Bohm, Georg et al., "Emerging materials: technology for new tires and other rubber products", Tire Technology International, 2006 (4 pp.) Borukhov, Itamar et al., "Enthalpic Stabilization of Brush-Coated Particles in a Polymer Melt", Macromolecules, Vol. 35, pp. 5171-5182 (2002). Cui, Honggang et al., "Block Copolymer Assembly via Kinetic Control", Science, Vol. 317, pp. 647-650 (August 3, 2007). Edmonds, William F. et al., "Disk Micelles from Nonionic Coil- Coil Diblock Copolymers", Macromolecules, Vol. 39, pp. 4526-4530 (May 28, 2006). O'Reilly, Rachel K. et al., "Functionalization of Micelles and Shell Cross-linked Nanoparticles Using Click Chemistry", Chem. Mater., Vol. 17, No. 24, pp. 5976-5988 (November 24, 2005). Wang, Xiaorong et al., "Strain-induced nonlinearity of filled rubbers", Physical Review E 72, 031406, pp. 1-9 (September 20, 2005). Pre-print article, Wang, Xiaorong et al., "PMSE 392- Manufacture and Commercial Uses of Polymeric Nanoparticles", Division of Polymeric Materials: Science and Engineering (March 2006). Wang, Xiaorong et al., "Manufacture and Commercial Uses of Polymeric Nanoparticles", Polymeric Materials: Science and Engineering, Vol. 94, pg. 659 Wang, Xr. et al., "Fluctuations and critical phenomena of a filled elastomer under deformation", Europhysics Letters, Vol. 75, No. 4, pp. 590-596 (August 15, 2006).

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Page 2 of 2

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